INTERNATIONAL SEARCH REPORT

national Application No

PCT/BG2004/000011 A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01Q21/00 H01Q21/06 H01Q21/24 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01Q Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with Indication, where appropriate, of the relevant passages 1 Α US 5 734 354 A (TWELVES ALAN) 31 March 1998 (1998-03-31) column 2, line 31 - column 4, line 21; figures 2-4 1 Α US 5 872 545 A (RAMMOS EMMANUEL) 16 February 1999 (1999-02-16) cited in the application column 4, line 29 - column 7, line 52; figures 1-6 EP 0 252 779 A (RAMMOS EMMANUEL) Α 1 13 January 1988 (1988-01-13) figures 6,15 US 6 297 774 B1 (CHUNG HSIN-HSIEN) Α 1 2 October 2001 (2001-10-02) abstract; figure 1 Patent family members are listed in annex. X Further documents are listed in the continuation of box C. χ Special categories of cited documents: *T* later document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *A* document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another diation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-'O' document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the International search Date of mailing of the international search report 14 October 2004 20/10/2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

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